

What is claimed is:

1. An insect cell primary culture medium, comprising lactalbumin hydrolysate, yeastolate, and tryptose phosphate broth as protein extracts, and polyvinylpyrrolidone as a viscosity-supplementing agent.

2. An insect cell primary culture medium according to Claim 1, comprising 1000-3000 mg/L of lactalbumin hydrolysate, 1000-3000 mg/L of yeastolate, 1000-3000 mg/L of tryptose phosphate broth, and 200-500 mg/L of polyvinylpyrrolidone.

3. An insect cell primary culture medium according to Claim 1 or 2, wherein the polyvinylpyrrolidone is polyvinylpyrrolidone K-90.

4. An insect-derived water-soluble chitin which has been subjected to deacetylation as the sole chemical modification.

5. An insect-derived water-soluble chitin according to Claim 4, wherein the chitin is derived from silkworm.

6. An insect-derived water-soluble chitin according to Claim 5, wherein the chitin is derived from silkworm pupa exuvia.

7. An extracellular matrix comprising the insect-derived water-soluble chitin according to any one of Claims 4-6.

8. An extracellular matrix for coating a culture vessel, comprising 0.001% to 1% of the insect-derived water-soluble chitin according to any one of Claims 4-6.

9. An insect cell culture vessel coated with the insect-derived water-soluble chitin according to any one of Claims 4-6.

10. A process of preparing the insect-derived water-soluble chitin according to Claim 6, comprising the steps of extracting chitin from silkworm pupa exuvia and deacetylating the chitin.

11. A process of preparing an insect culture cell line in a short period of time, which comprises using the insect primary culture medium according to any one of Claims 1-3, and the insect-derived water-soluble chitin according to any one of Claims 4-6.

12. A process of preparing an insect culture cell line in a short period of time according to Claim 11, wherein a vessel coated with the insect-derived water-soluble chitin according to any one of Claims 4-6 is used, and an insect cell is cultured in the insect primary culture medium according to any one of Claims 1-3.